

Date: Tue, 24 Aug 93 16:30:11 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1009
To: Info-Hams

Info-Hams Digest Tue, 24 Aug 93 Volume 93 : Issue 1009

Today's Topics:

 Help with Kenwood TS-820S
 HF Guide
 How does a Sweedish ham get a temporary US ham license?
 I NEED HELP!!! I tried fixing a 02AT and made it worse!!! (4 msgs)
 info@arrl.org bounces
 INSTRUCTION/OPERATORS MANUALS up for grabs
 MARS frequencies
 New ham!
 Pineview BBS number in WV?
 Source of plaintext ASCII files?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 24 Aug 1993 21:05:24 GMT
From: news.crd.ge.com!crd.ge.com!mallick@uunet.uu.net
Subject: Help with Kenwood TS-820S
To: info-hams@ucsd.edu

In article <199308241949.AA06191@cardamom.unx.sas.com>, saswel@unx.sas.COM (Warren E. Lewis) writes:

|> I am in the need of some assistance. I have a Kenwood TS-820S that
|> doesn't seem to be generating enough RF power output. I have
|> replaced the tubes with a matched pair of GE 6146Bs which has
|> helped a bit, but it still seems to not be generating the
|> punch that I think that it should.

.....

|>
|> Here is my dilemma. After following the proper tune up procedures
|> described in the manual into a dummy load I am observing the following
|> results. On CW on all Novice sub-bands with a plate current at the
|> required 200ma I get about 60 watts out measured on the SWR/Watt meter.
|> This seems a bit low, but, I have not had any problems contacting any
|> station that I can hear via CW. On 10 meter phone(which seems to be
|> where the problem lies) I only get about 30-40 watts out at voice
|> peaks. I've tried cranking the CAR and MIC gain controls up all the
|> way, but, that only yields about 5 more watts out.
|>

200 mA of plate current for two 6146B's seems kind of low; my old Johnson Ranger has a single 6146, and it gets loaded up to about 140 mA on CW. It sounds like you may not be loading the final as heavily as you should be. Cranking the CAR and

MIC controls will only do bad things to your signal quality. The grid current for a 6146 should be about 2.5 to 3 mA for full output, so you should see 5-6 mA on key-down for CW. I would expect a plate current reading closer to 300 mA too.

Check the operating manuals again, and see what they say. Good luck!

--

John A. Mallick WA1HNL
GE Corporate Research and Development
Schenectady, NY 12301

E-mail: mallick@crd.ge.com
Phone: (518)-387-7667 (W)
FAX; (518)-387-6560 (W)

Date: 24 Aug 93 12:26:14 GMT
From: ogicse!emory!europa.eng.gtefsd.com!darwin.sura.net!guvax.acc.georgetown.edu!
roakley@network.ucsd.edu
Subject: HF Guide
To: info-hams@ucsd.edu

In article <9308241258.AA29314@umassmed.UMMED.EDU>, sbaker@umassmed.UMMED.EDU
(Stephen Baker) writes:

> I've been looking in vain for a book which will describe the various bands from
> the point of view of an experienced operator. I.e. describing each band in terms
> of it's characteristics during each part of the day, during each season,
> explaining each section of the band in detail. For instance it might describe
> parts of 20 m warning about the idiots who use blue language and name calling
> around 14.312 and when they are likely to be on, It might describe when the band
> opens up and when it shuts down in different seasons. Where to find dx, where to
> call for a rag chew. It might describe the various DX nets, the O.F. ragchew
> nets which don't mind newcomers checking in and those that don't.

>

>
> 73 de KD1PF
> --
>>
Steve--

I have found a couple of sources useful. For general descriptions of the bands, the ARRL Operating Manual has a very useful chapter that talks generally about the characteristics of each band, band by band.

For more specific and current information, the Propagation column in the magazine "CQ" has a lot of descriptive information. In relatively non-technical language, they describe the current characteristics of the bands, summarize which is likely to be the best when and provide propagation charts. QST has useful graphic charts on a monthly basis, but they don't have the descriptive stuff that I find useful.

None of them, however, talk about the unpleasantness of the on-the-air conflicts and unfortunate language that is an embarrassment to us all. That, I guess, you have to discover for yourself. Too bad it exists at all.

Good luck and have fun.

Bob

+++++

Robert L. Oakley (Bob)	PHONE:	(202) 662-9160
Georgetown Univ. Law Library	FAX:	(202) 662-9202
111 G Street, N.W.	BITNET:	ROAKLEY@GUVAX.BITNET
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Date: 24 Aug 93 20:05:04 GMT
From: psinntp!arrl.org@uunet.uu.net

Subject: How does a Sweedish ham get a temporary US ham license?
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, jennings@abb.COM writes:

>
> I have a question I hope someone can answer. An associate
> of mine just arrived here in Rochester today from Sweden and
> he'll be staying here two months. Because he's a ham, he
> was wondering what he needs to do to get a temporary license
> to operate here. I know it is short notice and there may not
> be enough time but at least he will know what to do next time.

Drop by a local VE session and have him hand over \$5.60 (I have no idea what the exchange rate in kroner is). He should be able to zip through at least the General class test. Next time he pops over, he can use his bona fide US call sign! (Have him fill out a Form 610 with your mailing address to keep the FCC happy.)

Meanwhile, grab your telephone, dial 203-666-1541, and ask for John Hennessee, Jay Mabey or Lisa Kustosik in the ARRL HQ Regulatory Information Branch. They'll have the info for you instantly.

GL!

CUL es 73 de BB

```

"
Brian Battles, WS10      I Tel      203-666-1541, ext 222 I  "Radio amateurs
QST Features Editor     I Fax       203-665-7531          I  do it with high
ARRL HQ                 I Internet  bbattles@arrl.org      I  frequency"
Newington, CT USA      I Amprnet  ws1o@ws1o.ampr.org [44.88.0.87]
"

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Date: 24 Aug 93 19:47:15 GMT
From: psinntp!arrl.org@uunet.uu.net
Subject: I NEED HELP!!! I tried fixing a 02AT and made it worse!!!
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, bat@gdstech.GRUMMAN.COM (Pat Masterson) writes:

> Last year I had my Icom HT fixed by Icom in Atlanta. They
> did a superb job, and fixed the radio the day after it arrived.
> Shipping was quick, I had it back 7 days after I mailed it!
> Try 206-454-7619.

Pat,

Glad you had such good luck with ICOM factory service--me, too! It's nice to know that they can do a good job. I haven't seen any substantial bitching about ICOM service from anyone.

CUL es 73 de BB

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*****
Brian Battles, WS10      I Tel      203-666-1541, ext 222 I  "Radio amateurs
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ARRL HQ                 I Internet bbattles@arrl.org      I  frequency"
Newington, CT USA      I Amprnet  ws1o@ws1o.ampr.org [44.88.0.87]
*****

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Date: 24 Aug 93 19:50:30 GMT
From: psinntp!arrl.org@uunet.uu.net
Subject: I NEED HELP!!! I tried fixing a 02AT and made it worse!!!
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, n4tii@kd4nc.uucp (John Reed) writes:

>bat@gdstech.GRUMMAN.COM (Pat Masterson) writes:

>

>> Last year I had my Icom HT fixed by Icom in Atlanta. They
>>did a superb job, and fixed the radio the day after it arrived.
>>Shipping was quick, I had it back 7 days after I mailed it!
>>Try 206-454-7619.

>The Atlanta Icom repair facility is closed.

>And in reference to Brian's message...there never was an Alabama
>station...you were obviously confused.

Perpetually!

CUL es 73 de BB

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ARRL HQ                 I Internet bbattles@arrl.org      I  frequency"
Newington, CT USA      I Amprnet  ws1o@ws1o.ampr.org [44.88.0.87]
*****

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Date: 24 Aug 93 19:43:24 GMT
From: psinntp!arrl.org@uunet.uu.net

Subject: I NEED HELP!!! I tried fixing a 02AT and made it worse!!!
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, perry@fc.hp.com (Perry Scott) writes:
>Brian Battles WS10 (bbattles@arrl.org) wrote:

>: PS Speaking of ICOM, if anyone is interested, my private, personal opinion
>: is that the ICOM IC-2GAT is THE killer single-band 2-meter hand-held
>: transceiver.

>I have three friends that are flaming 2GAT bigots for many of the
>reasons Brian mentions. I don't own one, but the Human Interface is
>really nice. If you homebrew 6 1000AE cells into the BP4, you get
>something that fits in your hand but can transmit all day. One of the
>guys is on his second external plastic after dropping it off a moving
>bicycle. Tough radio.

Sure is, Perry! And watch--ICOM will have a run on 'em after this thread has
circulated far and wide! But you can't beat the IC-2GAT for a rugged hand-held
transceiver. You can almost pound nails with the thing! And 8.25+ watts out
with a 13.8-V dc power supply is better than many mobiles on the Low Power
setting.

CUL es 73 de BB

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*****
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ARRL HQ                 I Internet bbattles@arrl.org      I  frequency"
Newington, CT USA       I Amprnet  ws1o@ws1o.ampr.org [44.88.0.87]
*****

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Date: 24 Aug 93 19:58:41 GMT
From: psinntp!arrl.org@uunet.uu.net
Subject: I NEED HELP!!! I tried fixing a 02AT and made it worse!!!
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, chuck@eng.umd.edu (Chuck Harris - WA3UQV) writes:
>In article <2082@arrl.org> bbattles@arrl.org (Brian Battles WS10) writes:

>>PS Speaking of ICOM, if anyone is interested, my private, personal opinion
>>is that the ICOM IC-2GAT is THE killer single-band 2-meter hand-held
>>transceiver. Built like a brick, cranks out more than 8.25 watts when fed
>>a diet of 13.8 Vdc, sounds great and has just enough features to make it
>>convenient but not annoyingly complicated. Just my opinion (I reviewed the
>>sucker in Jun '90 QST, p 37).

>
>8 watts xmit is nice, but not very important in a hand-held...

Unless, like many hams, you use it to double as your mobile and/or base rig, too!

>My big question is, "How did the receiver do at Dayton HF?"

>
>Every ham handheld that I have used fails miserably at Dayton HF. They
>are plagued with all sorts of receiver products caused by the wide, overly
>sensitive, low dynamic range front ends they put in these beasts. (I have
>used ICOM 2ATs, 4ATs, 04ATs, and a couple of 2M and 440 Kenwoods belonging
>to friends.)

>
>The only radio I have used that can handle the Dayton environment is my
>ICOM U16 commercial radio. It completely ignores all of the off-channel
>signals. But then, it has a track-tuned front end.

>
>So, how does the IC-2GAT do at Dayton? Is it always breaking squelch with
>receiver generated products? Or is it quiet until something on channel
>appears?

Chuck,

I've never taken a hand-held radio to Dayton, so I can't answer that specifically, but I've been to lots of smaller but quite crowded hamfests and flea markets, and I never hear a pip out of the speaker unless someone's on my frequency. And the Centurion rubber-duck antenna I put on (replacing the "dummy load" it comes with) brings up repeaters locally with one or two more LCD units than the factory jobbie. I hear okay from 140-174 MHz with the IC-2GAT, but I haven't heard any spurious off-channel noise to speak of.

CUL es 73 de BB

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ARRL HQ                 I Internet bbattles@arrl.org      I  frequency"
Newington, CT USA      I Amprnet  ws1o@ws1o.ampr.org [44.88.0.87]
*****

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Date: 24 Aug 93 20:07:44 GMT
From: psinntp!arrl.org@uunet.uu.net
Subject: info@arrl.org bounces
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, ben@nj8j.atl.ga.us (Ben Coleman) writes:
>Sorry about posting this this way, but (as you will see below) I'm not sure
>I can email this and get it through. Besides, I'm sure others have had the
>same problem - if necessary, maybe we can compare notes a bit and find a
>solution to this.
>
>I got this on a recent request to info@arrl.org:
>
>From: MAILER-DAEMON@uu.psi.com
>Date: Fri, 20 Aug 93 17:25:54 -0400
>Subject: Returned mail: Unable to deliver mail
>Message-ID: <9308202125.AB18110@uu.psi.com>
>To: ben@nj8j.atl.ga.us
>
> ----- Transcript of session follows -----
>554 arrlhq!info... arrlhq is an unknown UUCP host
>
>Obviously, I've edited out Received: headers and the contents of my
>submission. Based on what appears above, I can take a stab at what the
>problem is. I'm guessing that:
>
>1. arrlhq is an old and abandoned UUCP name for arrl.org
>2. some site between mine and uu.psi.com, using an old UUCP map, is
>translating info@arrl.org to!arrlhq!info.
>3. uu.psi.com doesn't know that arrlhq is an alias for arrl.org.

Not quite. We have a uucp name, arrlhq, that is serviced by the University of Hartford. It was, at one time, our only mail/news link. When we changed to an Internet connection, using the arrl.org domain, we left arrlhq in existence so that those with outdated alias files wouldn't experience service interruptions. The U of H automatically forwards received arrlhq mail to arrl.org. But there has **never** been any correspondence established between arrlhq and arrl.org, at least, not by me. I'd be interested to know where it's happening.

In short:

There is an arrlhq, which is reached through the University of Hartford (uhasun).

There is an arrl.org (MX), reached through uu2.psi.com.

They are not the same thing, and no mapping should say they are.

A quick fix:

info%arrl.org@uu2.psi.com

That should work (although it **is** ugly!)

KE3Z -- ARRL Postmaster

Jon Bloom, KE3Z | jbbloom@arrl.org
American Radio Relay League |
225 Main St., Newington CT 06111 |

Date: 24 Aug 93 21:57:12 GMT
From: news.service.uci.edu!mothra.nts.uci.edu!lockhart@network.ucsd.edu
Subject: INSTRUCTION/OPERATORS MANUALS up for grabs
To: info-hams@ucsd.edu

On Date: 8 Aug 93 00:11:44 GMT I wrote: I have the following
INSTRUCTION/OPERATORS MANUALS up for grabs:

NOTE: "Some manuals are still unclaimed."

HY-GAIN THUNDERBIRD (TH3Mk30 THREE ELEMENT HAM ANTENNA
Still up for grabs

HY-GAIN BALUN MODEL No. BN-86
Still up for grabs

CDE HAM II ROTOR
Original still up for grabs if I don't get an immediate SASE
from Robert Wise, WB5KXH
Photocopy sent to: Russ Schroeder, W2DYY

HY-GAIN 18HT HY-TOWER 10-80 METER:
Sent to: Doug Snowden, N4IJ

SPECTRONICS DD-1C DIGITAL FREQUENCY DISPLAY (used in conjunction with
the COLLINS KWM2/2A
transceivers).

Sent to: Gary Bishop, NQ0V

All items below sent to: Steve Miller, KD2ED. Steve said he'd be more
than happy to photocopy manuals for anyone else. Just send him an
SASE.

COLLINS KWN-2 and KWM-2A TRANSCIEVERS

COLLINS 312B-4 & 312B-5 STATION CONTROLS

COLLINS SM-3 MICROPHONE

MAGNUM SIX RF SPEACH PROCESSOR

The intent is to give these INSTRUCTION/OPERATOR MANUALS to an individual or entity who ACTUALLY has the equipment.

For those of you who are interested, the reason these INSTRUCTION/
OPERATOR MANUALS are available is because some

trashed (read destroyed) the University of California, Irvine, WB6KGN amateur radio club ham station. All of the equipment was rendered unusable. There wasn't anything to salvage (except the instruction/operator manuals. So, there you have it.

Good luck to one and all.

~jack_

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/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/
|      Jack C. Lockhart      <<  SNAILMAIL      |
|      Radio Systems Engineer      E-MAIL > LOCKHART@uci.edu |
|      OAC-Network & Telecomm Services      !BANG! > ...!ucbvax!ucivax!lockhart |
|      2209 Central Plant Building      HAM > WD6AEI |
|      University of California, Irvine      AMPR > WD6AEI@n0ary.#nocal.ca.usa.na |
|      Irvine, CA 92717-5475      VOICE > (714) 856-8477 |
|      U.S.A      FAX > (714) 725-2270 |
/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/
" And in the beginning there was nothing. And God said, 'let there be
light'. And there was still nothing, BUT you could see IT!" -Anonymous
/      o o o o o o o . . .      -----      =====      \
      o      -----      |      |      |
      .][__n_n_]DD[  ====_____      #include <disclaimer.h>      |      |
>(      |      |      [      |      |      |

```

HF - 3190.5 kHz
HF - 4042.5 kHz, (4003.5 kHz)
HF - 7382.5 kHz, (7363.5 kHz, 7500 kHz)
HF - 13975.5 kHz
HF - 14385.0 kHz
HF - 20998.5 kHz
VHF - 148.375 mHz [? split],
VHF - 148.975 mHz [? split], and other VHF Freqs.

Date: 24 Aug 93 20:16:50 GMT
From: psinnntp!arrl.org@uunet.uu.net
Subject: New ham!
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, mstrong@uci.edu (Mike Strong) writes:

>okay, finally! I took the test June 6 and got the ticket in the mail today
>Aug 23...

Mike,

Congrats on receiving KD6ZWI and welcome to Amateur Radio!

CUL es 73 de BB

Brian Battles, WS10 I Tel 203-666-1541, ext 222 I "Radio amateurs
QST Features Editor I Fax 203-665-7531 I do it with high
ARRL HQ I Internet bbattles@arrl.org I frequency"
Newington, CT USA I Amprnet ws1o@ws1o.ampr.org [44.88.0.87]

Date: 24 Aug 93 15:25:47 EDT
From: psinnntp!arrl.org@uunet.uu.net
Subject: Pineview BBS number in WV?
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, moran@bbs.ug.eds.com (PAUL T. MORAN (EDS - HARRISON
DIVISION)) writes:

>I'm looking for the telephone number for a BBS called Pineland in West
>Virginia which has information on modifying ham radios

Paul,

If you're thinking of the fabulous Pinelands RBBS run by Tom Sundstrom, W2XQ, which was in Vincenttown, New Jersey, I'm sorry to inform you that it closed down in April 1993. Most of it's radio-related files and such have been transferred to the Pics Online BBS in Atco, New Jersey, run by SysOp Terry Rossi, N2LQH. It's a six-line BBS at 609-753-2540.

BTW, if anyone knows where a decent up-to-date landline BBS listing can be downloaded via anonymous FTP, please let me know. The two best I've seen are generated by Stan Staten, W3INK, of Gaithersburg, Maryland, SysOp of the 3 WINKs BBS; and by Mike Stone (call sign?) of someplace in the Midwest (Iowa?). I like to keep my resource files up to date.

Thanks!

Also, remember that ARRL HQ runs a multiline Wildcat! BBS on 203-666-0578 (up to 14.4 kbit/s) that includes a lot of handy ham files; utilities; ARRL/W1AW bulletins; ARRL Letter archive files; League Field Organization info; ham, SWL and scanner logging software; TCP/IP NOS programs; packet terminal apps; satellite tracking programs and Keps etc...and message bases. The SysOp is ARRL Field Services Dept Deputy Manager Luck Hurder, KY1T.

Have phun!

CUL es 73 de BB

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*****
Brian Battles, WS10      I Tel      203-666-1541, ext 222 I  "Radio amateurs
QST Features Editor     I Fax      203-665-7531          I  do it with high
ARRL HQ                 I Internet bbattles@arrl.org      I  frequency"
Newington, CT USA      I Amprnet  ws10@ws10.ampr.org [44.88.0.87]
*****
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Date: 24 Aug 93 15:39:04 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: Source of plaintext ASCII files?
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, drenze@icaen.uiowa.edu (Douglas J Renze) writes:
>Can anybody point me to a good source of plaintext ASCII files to feed my
>Morse code tutor program (Morse Tutor 1.03-US)? Unfortunately I don't have
>access to the AP News wire, like somebody suggested, and it tends to puke on
>Usenet messages 'cause people put the neato weird characters in them that it
>doesn't like.
